What Is Fusion Ultra D/C? A Beginner's Guide for Dental Professionals

Fusion Ultra D/C is a dual-cure resin cement used to permanently lute indirect restorations such as crowns, bridges, inlays, onlays, and posts. It offers both light-cure and self-cure activation, ensuring reliable bonding even when light penetration is limited.

For dental professionals looking to **buy Fusion Ultra D/C London & UK**, understanding its composition, application, and clinical advantages helps ensure predictable outcomes in restorative procedures.

What Is Fusion Ultra D/C?

Fusion Ultra D/C is a resin-based luting cement developed for long-lasting adhesion between restorative materials and natural tooth structure. It is commonly referred to in clinical supply catalogues as:

- Fusion Ultra DC resin cement

- Fusion Ultra D/C luting cement
- Prevest DenPro Fusion Ultra DC

This product belongs to the category of dual-cure resin cement Fusion Ultra, meaning it cures through:

- Light activation
- Chemical (self-cure) polymerisation

This allows predictable curing even in deep margins or opaque restorations where light access is restricted.

Why Dental Professionals Use Fusion Ultra D/C

Key Benefits of Using Fusion Ultra D/C

Dental clinicians choose Fusion Ultra D/C for its combination of versatility and reliability:

- Strong adhesion to enamel and dentin
- Suitable for metal, ceramic, and composite restorations
- Dual-curing ability ensures full curing depth
- Low post-cementation sensitivity
- Easy handling characteristics
- Radiopaque formula for improved X-ray diagnostics

These advantages explain why many UK clinics choose to **buy Fusion Ultra D/C London & UK** as part of their restorative inventory.

What Is Fusion Ultra D/C Used For?

Common Clinical Applications

Fusion Ultra DC resin cement is used in a wide range of restorative cases, including:

- Cementation of crowns and bridges

- Bonding porcelain veneers
- Luting fibre posts
- Securing inlays and onlays
- Cementing zirconia and ceramic restorations

Restoration Type	Suitable	Notes
Zirconia Crowns	✅ Yes	Dual-cure action ensures full-depth polymerisation
Metal Crowns	✅ Yes	Chemical curing ensures stability where light fails
Ceramic Veneers	✅ Yes	Light + chemical cure for reliable bonding
Fibre Posts	✅ Yes	Ideal for deep canal cementation
Inlays & Onlays	✅ Yes	Controlled viscosity prevents marginal leakage
Temporary Crowns	❌ No	Not intended for temporary cementation
Orthodontic Brackets	❌ No	Use orthodontic-specific cements

How Does Fusion Ultra D/C Work?

Step-by-Step Clinical Workflow

Here is a simplified overview of how Fusion Ultra D/C luting cement is typically applied:

1. Prepare the tooth surface following the adhesive protocol
2. Apply bonding agent if required

3. Mix or dispense the cement
4. Seat the restoration carefully
5. Light-cure margins were visible
6. Allow chemical curing in deep or shaded zones
7. Remove excess cement
8. Finish and polish

This dual-activation process reduces failure risk in restorations with thick ceramic or metal bases.

When Should You Choose Fusion Ultra D/C Over Other Cements?

Best Use Cases

You should consider Prevest DenPro Fusion Ultra DC if you regularly handle:

- Deep posterior restorations
- Opaque crowns
- Zirconia prosthetics
- Fibre posts
- Multi-unit bridges

In cases where light curing alone is unreliable, dual-cure resin cement Fusion Ultra ensures consistency.

Feature	Fusion Ultra D/C	Glass Ionomer Cement	Zinc Phosphate

Adhesion Strength	High	Moderate	Low
Dual Cure	✅ Yes	❌ No	❌ No
Moisture Sensitivity	Low	High	High
Radiopaque	✅ Yes	Some brands	Some brands
Longevity	Long-term	Medium-term	Short-term
Ideal Use	Permanent restorations	Basic cementation	Temporary solutions

What Materials Work Best With Fusion Ultra D/C?

Fusion Ultra D/C bonds effectively with:

- Enamel and dentin
- Zirconia
- Porcelain
- Metal alloys
- Hybrid ceramics
- Composite restorations

This broad compatibility makes it an efficient standard cement for multi-speciality clinics.

Storage, Shelf Life & Handling Tips

Best Practices for Dental Clinics

To ensure product reliability:

- Store at room temperature
- Avoid direct sunlight

- Seal syringes properly after use
- Check expiry dates before procedures
- Maintain a dry storage environment

Proper handling maintains the working time and mechanical performance of the cement.

Where to Buy Fusion Ultra D/C in London & the UK

Dental professionals seeking to buy Fusion Ultra D/C London & UK should prioritise suppliers that offer:

- Authentic product sourcing
- Clear batch traceability
- Professional-grade dental materials
- Reliable same-day or next-day delivery
- Competitive UK pricing

Working with a trusted dental supplier ensures you receive Fusion Ultra D/C with proper usage instructions and product support.

Summary – Is Fusion Ultra D/C Right for Your Practice?

Fusion Ultra D/C is a dependable solution for modern restorative dentistry. Its dual-cure mechanism, material compatibility, and adhesive reliability make it suitable for both general practice and specialist use.

If your practice handles complex restorations and seeks dependable cementation results, choosing to **buy Fusion Ultra D/C London & UK** is a clinically driven investment rather than just a supply decision.

FAQs

Q: Can Fusion Ultra D/C be used for all-ceramic restorations?

A: Yes, Fusion Ultra D/C works effectively with zirconia, porcelain, and hybrid ceramic restorations.

Q: Does it require light curing?

A: It's dual-cure, so it can self-cure chemically. However, light curing is recommended for accessible margins.

Q: What is the working time?

A: Working time is typically 2-3 minutes, allowing adequate seating time for most restorations.

Contact Us

PharmaDent Direct
Website: www.pharmadentdirect.co.uk/
Email ID: info@pharmadentdirect.co.uk
Address: Unit A4 Phoenix Business Centre, Rosslyn Crescent
Phone Number: +44 20 7993 2993